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Montana Department of  
**ENVIRONMENTAL QUALITY**

LEGISLATIVE ENVIRONMENTAL  
POLICY OFFICE

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Website: [www.deq.mt.gov](http://www.deq.mt.gov)

**PUBLIC NOTICE NO. MT-14-28**  
**September 15, 2014**

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to state the Department's intention to issue wastewater discharge permits to the facilities listed in this notice. These permits are issued by the Department under the authority of 75-5-402, Montana Code Annotated (MCA); the Administrative Rules of Montana (ARM) 17.30.1301 *et seq.*, Montana Pollutant Discharge Elimination System (MPDES); ARM 17.30.1001 *et seq.*, Montana Ground Water Pollution Control System (MGWPCS); and Sections 402 and 303 of the Federal Clean Water Act. The Water Protection Bureau has prepared draft permits for the facilities listed below. Copies of the draft permits, statements of basis, and environmental assessments are available upon request from the Water Protection Bureau or on the Department's website [www.deq.mt.gov](http://www.deq.mt.gov).

APPLICANT INFORMATION

APPLICANT:	Montana Aviation Research Company (MARCO) P.O. Box 831 Glasgow, MT 59230
FACILITY NAME:	MARCO Water Treatment Plant (WTP)
FACILITY LOCATION:	Facility 1005, Avenue A-Glasgow Industrial Airport, St. Marie, MT 59231
RECEIVING WATER:	Outfall 001: East Fork Cherry Creek via Spring Coulee
PERMIT NUMBER:	MT0029980

Montana Department of Environmental Quality is proposing to renew the MARCO WTP Montana Pollutant Discharge Elimination System (MPDES) discharge permit. The permit was first issued in 1992, and the current permit expired in March 31, 2014. MARCO WTP is a privately owned water treatment plant located in St. Marie, MT. The conventional water plant treats Missouri River drinking water, which supplies the local facility and rural users in the area. Effluent is produced from filter backwash, and is discharged to settling/evaporation ponds at an average rate of 0.04 mgd. MARCO has not yet discharged to the receiving waters, and the proposed permit will continue to apply limits for total suspended solids (TSS), pH, total residual chlorine, and dissolved aluminum.

The proposed permit requires periodic self-monitoring of discharge quality and quantity, with monthly reporting of results. This permit and Statement of Basis will be submitted to the EPA for approval.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary total maximum daily loads under Section 303(d) of the Clean Water Act are established for a particular water quality limited segment, the State is not to issue any new permits or increase permitted discharges under the MPDES program. The order was issued in the lawsuit Friends of the Wild Swan v. U.S. EPA, et al., CA 97-35-M-DWM, District of Montana, Missoula Division. The DEQ finds that the issuance of this proposed permit does not conflict with the order because this is not a new or increased source.

\* \* \* \* \*

APPLICANT: City of Bozeman  
PO Box 1230  
Bozeman, MT 59771-1230

FACILITY NAME: City of Bozeman Water Treatment Plant

FACILITY LOCATION: 7024 Sourdough Canyon Road, Bozeman, MT  
Gallatin County, Latitude 45°35'58.3"N, Longitude -  
111°1'33"W

RECEIVING WATER: Outfall 001: Bozeman Creek (Sourdough Creek)

PERMIT NUMBER: MT0030155

This permit is a reissuance of a Montana Pollutant Discharge Elimination System (MPDES) permit for discharge of treated wastewater from the City of Bozeman Water Treatment Plant (WTP) to Bozeman Creek. The City of Bozeman operates a conventional surface water treatment plant for water withdrawn from Bozeman and Hyalite Creeks. Raw water is pumped to the WTP where flocculation/sedimentation chemicals are added, filtration occurs in specialized strainers, and finally the treated water is chlorinated and pumped to the City's potable water storage reservoir and to the water distribution system. Primary sources of wastewater are filter backwash and drains from the flocculation/sedimentation, and gravity thickener processes. The WTP has a maximum capacity of 22 million gallons per day. The discharge consists of treated wastewater pumped at a rate of 0.82 million gallons per day to Bozeman Creek. The proposed permit will continue to apply best professional judgment limits for total suspended solids (TSS) and pH; and limits on total residual chlorine and dissolved aluminum. The proposed permit requires periodic self-monitoring of discharge quality and quantity, with monthly reporting of results. This permit and Statement of Basis will be submitted to the EPA for approval.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary total maximum daily loads under Section 303(d) of the Clean Water Act are established for a



particular water quality limited segment, the State is not to issue any new permits or increase permitted discharges under the MPDES program. The order was issued in the lawsuit Friends of the Wild Swan v. U.S. EPA, et al., CA 97-35-M-DWM, District of Montana, Missoula Division. The DEQ finds that the issuance of this proposed permit does not conflict with the order because this is not a new or increased source of pollution to Bozeman Creek.

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#### APPLICANT INFORMATION

APPLICANT: Sussex Development, Inc.

FACILITY NAME: Heron Creek Subdivision

FACILITY LOCATION: Off Canyon Ferry Road, intersection of Keir Lane and Eames Lane  
Helena, Montana 59601  
Section 12, Township 10 North, Range 2 West  
Lewis and Clark County

RECEIVING WATER: Outfall 001: Class I Ground Water

PERMIT NUMBER: MTX000210

The proposed Montana Ground Water Pollution Control System (MGWPCS) permit reauthorizes Sussex Development, Inc. to discharge treated domestic wastewater from the Heron Creek wastewater treatment system to ground water.

The wastewater treatment system collects and treats domestic wastewater from 109-lot Heron Creek Subdivision. All wastewater generated by the subdivision first receives primary treatment in individual septic tanks. After primary treatment, the wastewater receives advanced treatment in an Advantex recirculating trickling filter. The treated effluent is then pressure-dosed into an adjacent subsurface drainfield.

The receiving water for the discharge structure (Outfall 001) is shallow Class I ground water as defined in ARM 17.30.1006. The drainfields associated with Outfall 001 are located:

- Northwest ¼ of Section 12, Township 10 North, Range 2 West;
- 46° 38' 35" North Latitude and -111° 48' 14" West Longitude.

#### PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS October 15, 2014.

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Comments may be directed to the DEQ Permitting & Compliance Division, Water Protection Bureau, PO Box 200901, Helena, MT 59620. All comments received or postmarked PRIOR TO CLOSE OF BUSINESS **October 15, 2014** will be considered in the formulation of final determinations to be imposed on the permits. If you wish to comment electronically, you may e-mail David Dunbar or Barb Sharpe at [WPBPublicNotices@mt.gov](mailto:WPBPublicNotices@mt.gov).

During the public comment period provided by the notice, the Department will accept requests for a public hearing. A request for a public hearing must be in writing and must state the nature of the issue proposed to be raised in the hearing (ARM 17.30.1373 and 17.30.1024).

The Department will respond to all substantive comments and issue a final decision within sixty days of this notice or as soon as possible thereafter. Additional information may be obtained upon request by calling (406) 444-3080 or by writing to the aforementioned address. The complete administrative record, including permit application and other pertinent information, is maintained at the Water Protection Bureau office in Helena and is available for review during business hours.

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